

Installation Instructions for Lytespan Track LED DMX Control Accent Lighting Colorspot Luminaire

CAUTION: Please read these instructions before installing the luminaire. To avoid electric shock, turn off the power from the electric panel before beginning. For safety, this luminaire must be grounded. Consult an electrician to make sure all the requirements of the US or Canadian Code for electricity and the current local regulations comply. **Keep these instructions as reference.**

WARNING: This luminaire is for ceiling installation on Lytespan track only. Do not install on Monopoint, Multipoint, Fast Track, Sloped Ceiling Adapter, Extension Wand or ProSpec Track.

IMPORTANT: Do not expose this luminaire to a room ambient temperature more than 28°C. An overheating of this luminaire could reduce the performance and the time life of the light-emitting diode (LED).

Note: This luminaire uses a LED (Light Emitting Diode) light source, no maintenance is required.

A. ONE-CIRCUIT TRACK INSTALLATION:

1. Align adapter lever open on bead side. (Fig.2 & 3)
2. Align locking lever 60° counter-clockwise. (Fig.3)
3. Insert luminaire module into the track. (Fig.4)
4. Turn adapter lever clockwise. (Fig.4)
5. Turn locking lever 60°. (Fig.4)

B. DOUBLE-CIRCUIT INSTALLATION:

1. Lift brass contact tab approximately ¼ in. (7mm). (Fig.5)
2. Follow previous steps 1-5.

C. FOR DMX CONTROL:

1. Simply connect data cable shielded CAT5 recommended into DMX connector or insert RJ45e jack connector. (Fig.6)
2. For daisy chain data connection, connect data cable CAT5 into data-in socket of the first luminaire, then connect the data cable to the data-out connector jack of the next luminaire and so on. (Fig.7)
3. For signal termination, connect a DMX signal terminator to the data out of the last luminaire in the network. (sold separately). (Fig.8)

Note: Hardware required for DMX control system. (not supplied)

Controller: DMX512 protocol.

Wiring: Use low-capacitance shielded twisted-pair stranded cables such as EIA485 (RS485) or shielded CAT5.

- 24AWG: maximum run length of 300 m (1000 ft).

- 22AWG: maximum run length of 500 m (1600 ft).

Note: Using unshielded cable may create noise in the system and may cause undesirable light output.

Connectors: RJ45e connector – 8 conductors (connections: T568B).

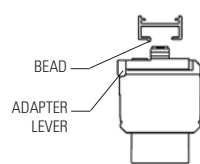
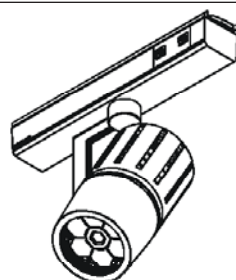


FIG.2



1

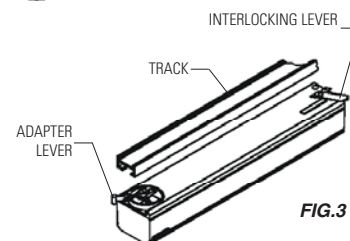


FIG.3

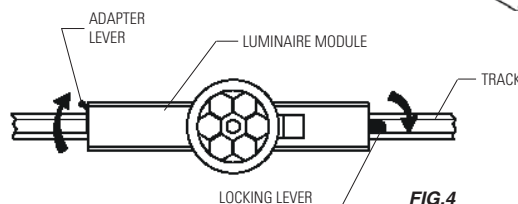


FIG.4

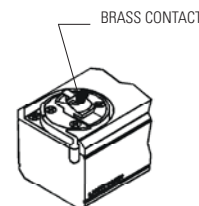


FIG.5

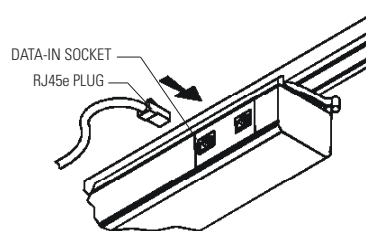


FIG.6

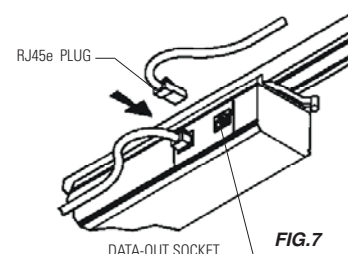


FIG.7

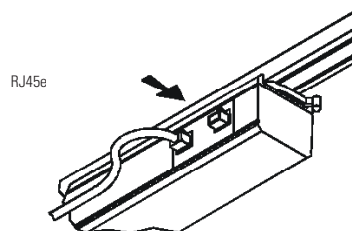


FIG.8

— DMX TERMINATOR